

FIG. 1

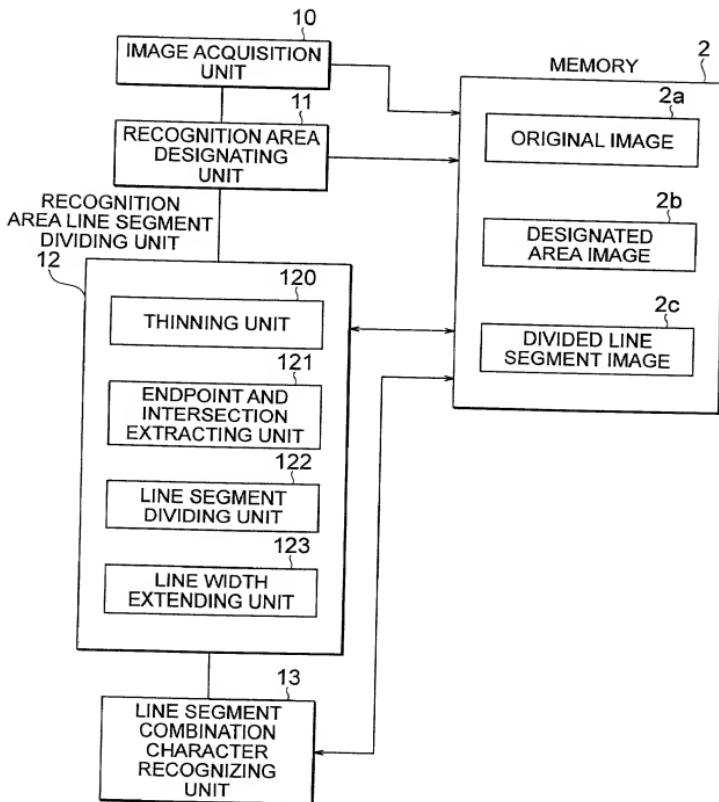


FIG. 2

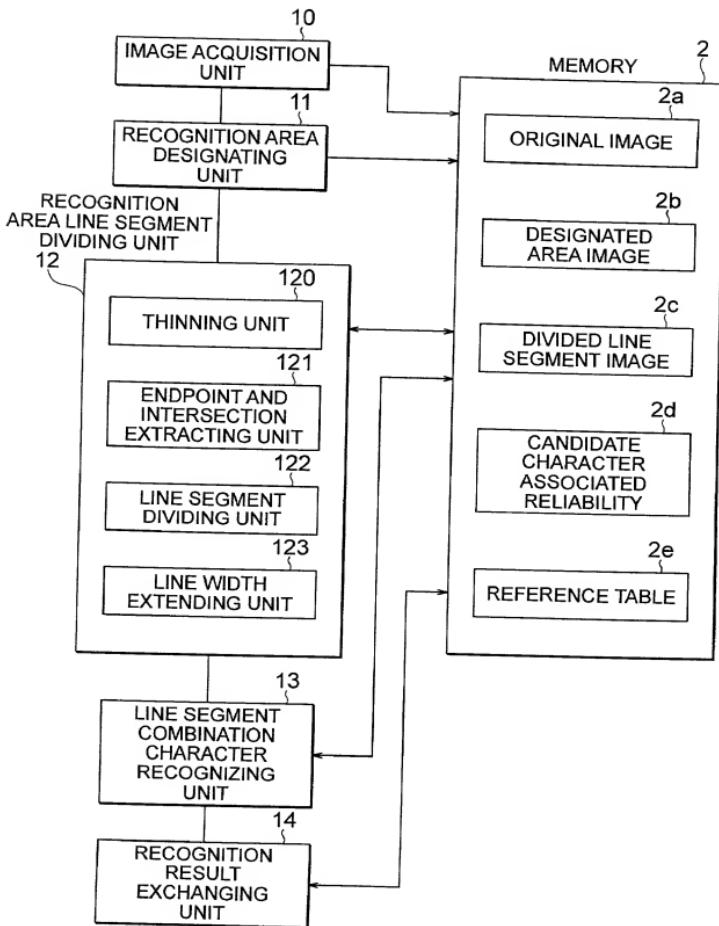


FIG. 3

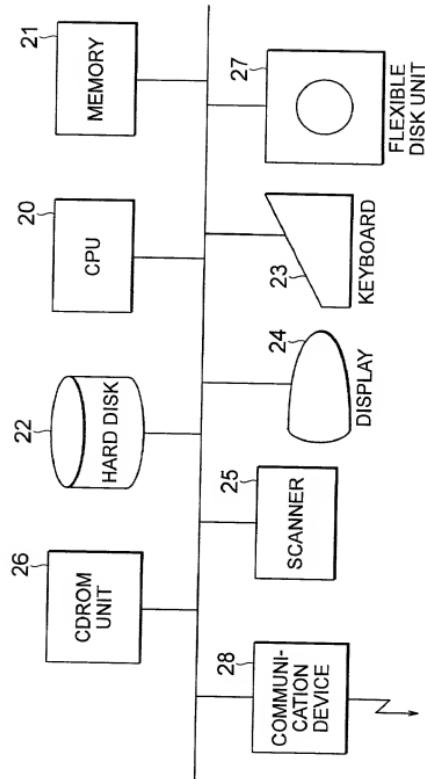


FIG. 4

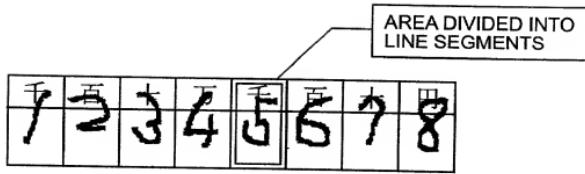


FIG. 5

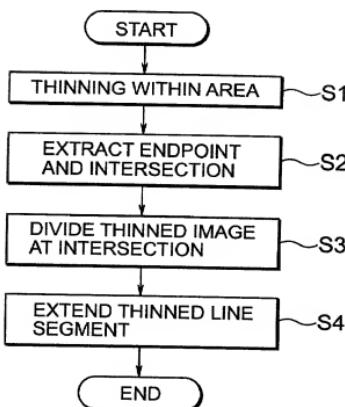


FIG. 6

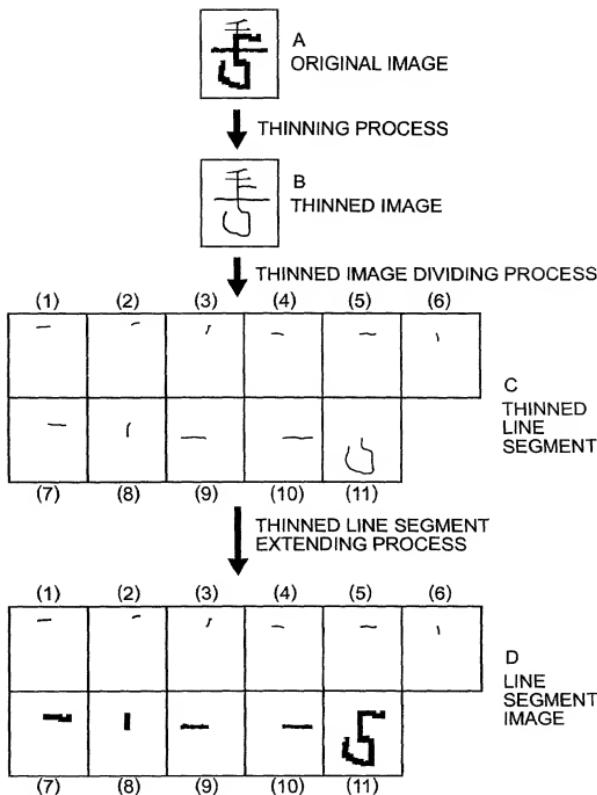
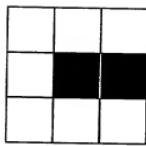


FIG. 7

(a)



(b)

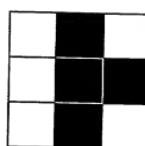


FIG. 8

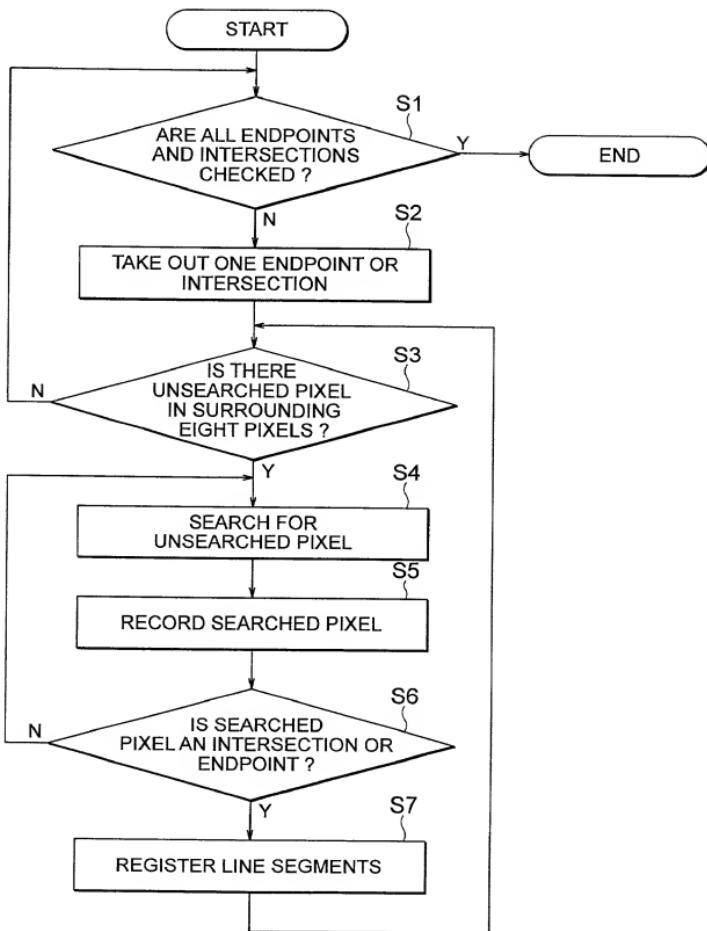


FIG. 9

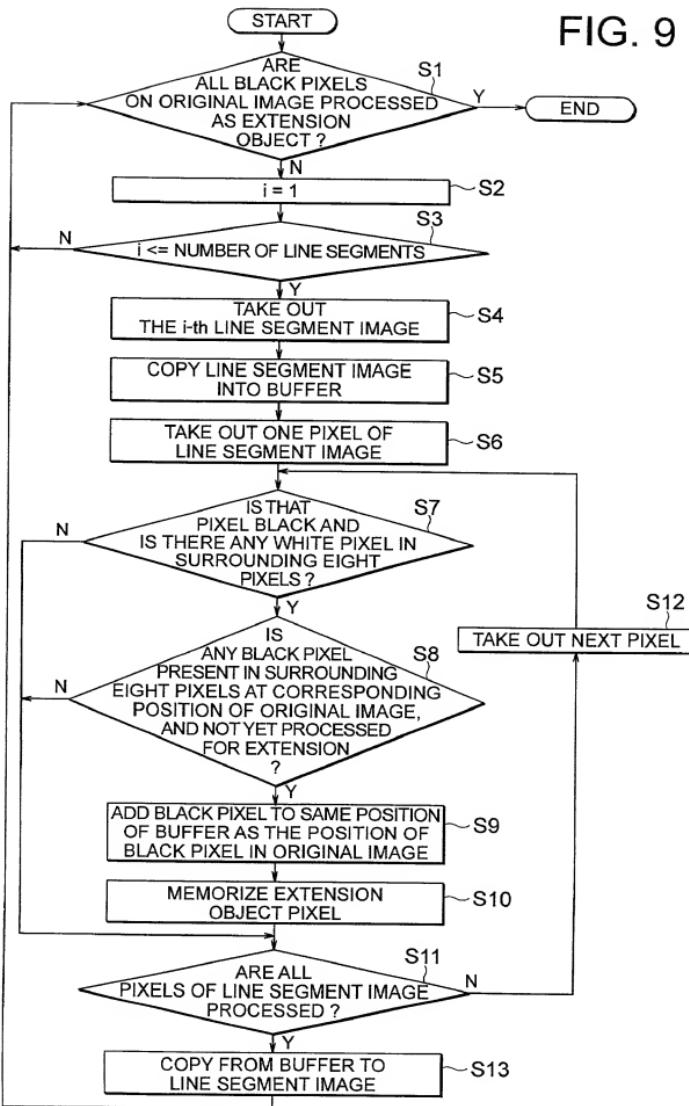


FIG. 10

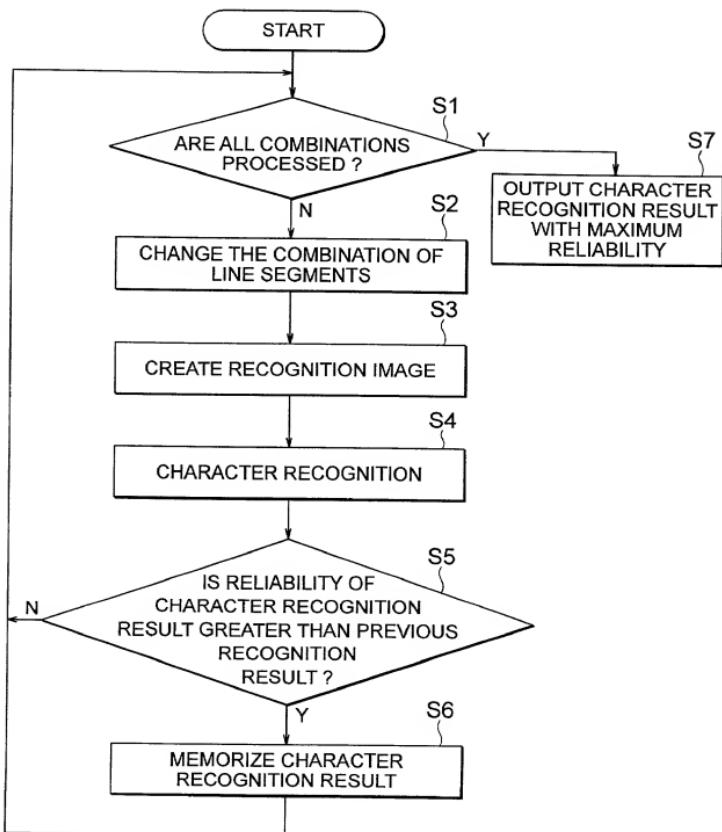


FIG. 11

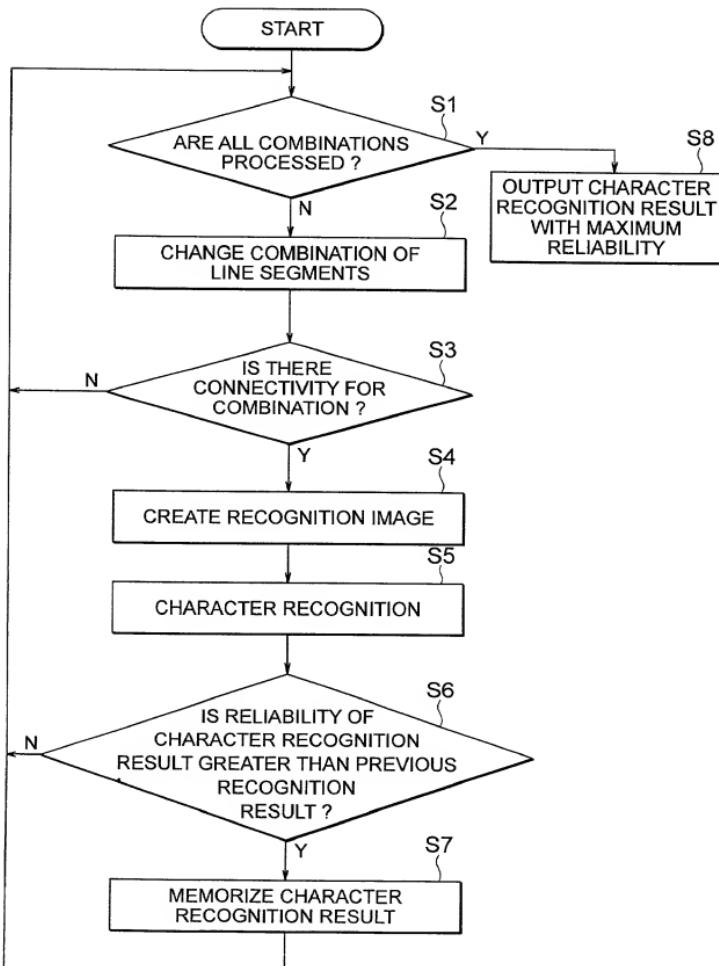


FIG. 12

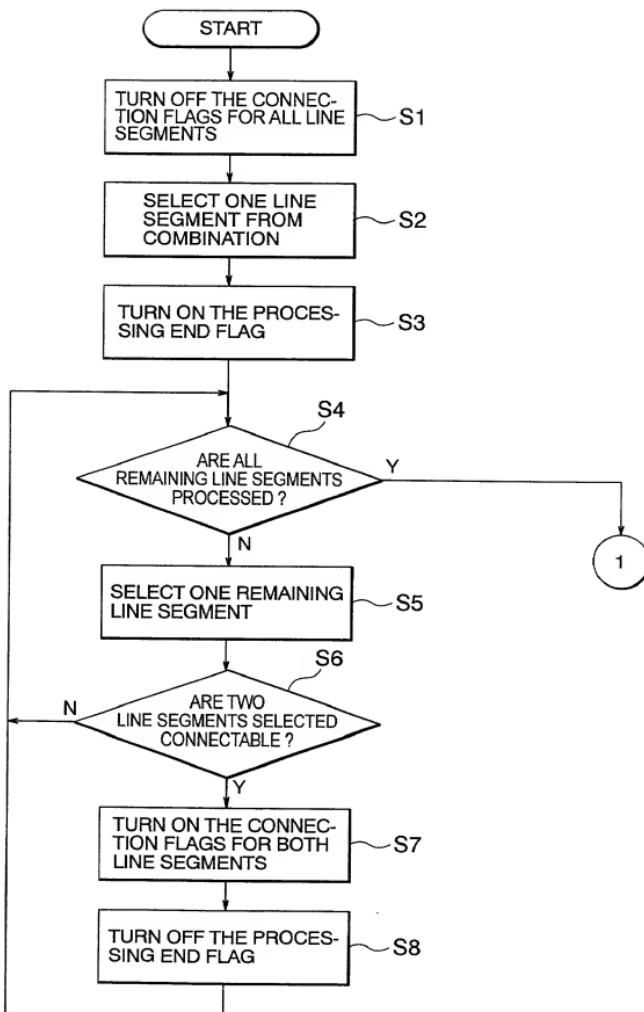


FIG. 13

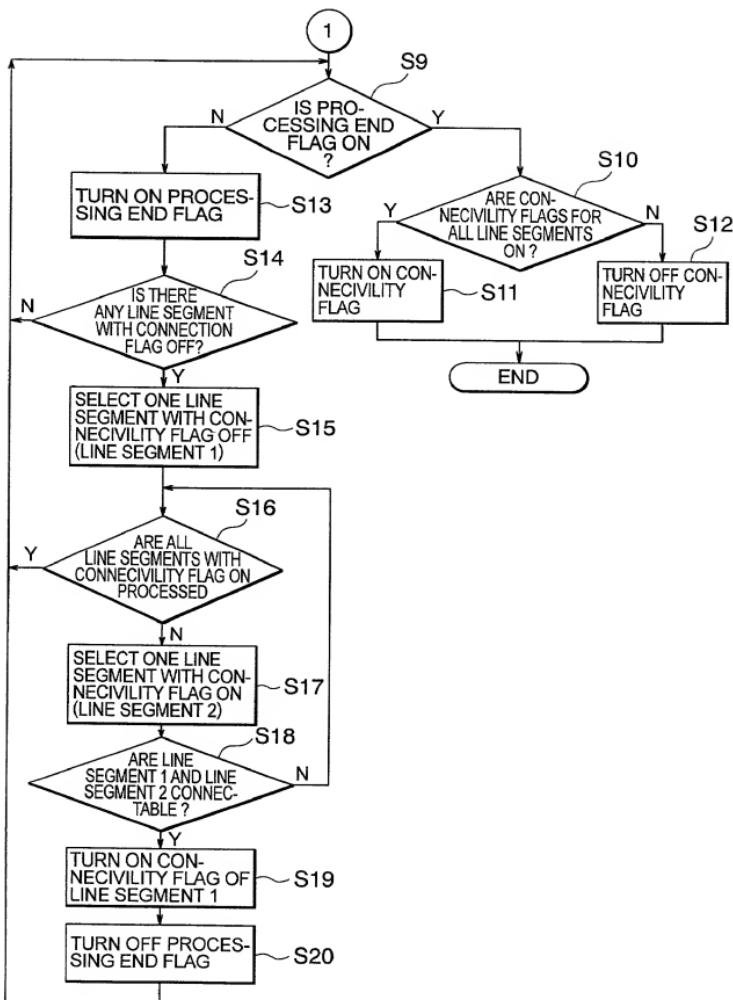


FIG. 14

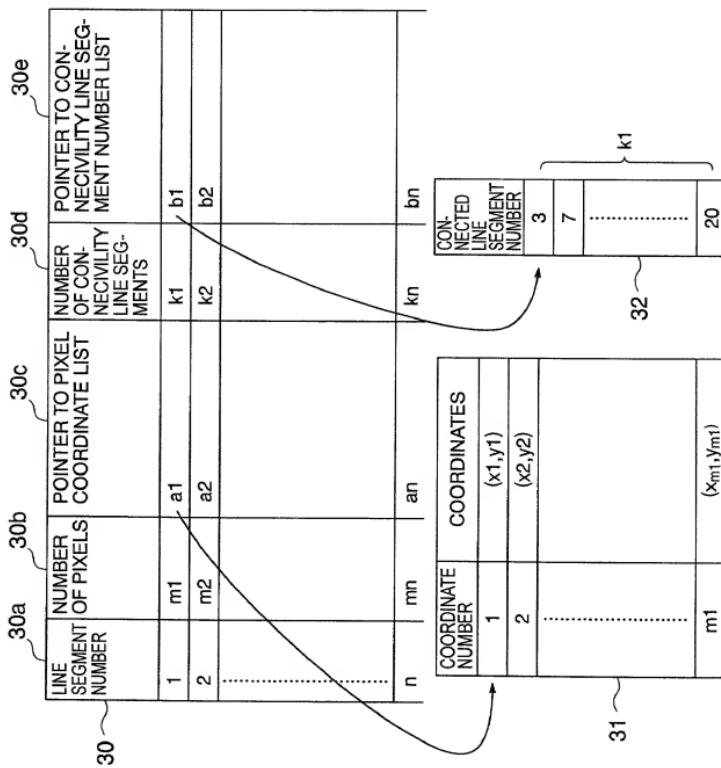
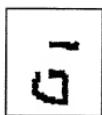


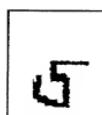
FIG. 15



(a) ORIGINAL IMAGE

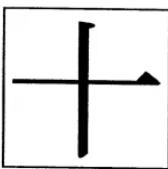


(b) COMBINATION WITHOUT CONNECTIVITY

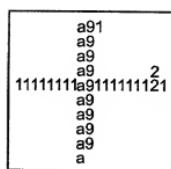


(c) COMBINATION WITH CONNECTIVITY

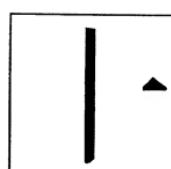
FIG. 16



(a) IMAGE "+" IN
MING-STYLE
TYPE

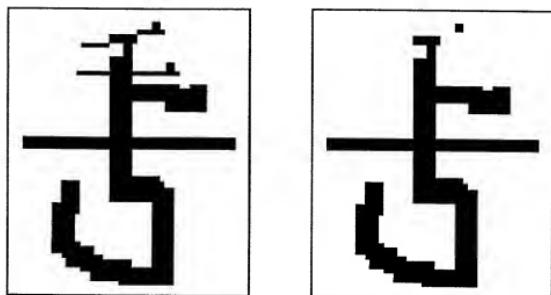


(b) RUN DISTRIBUTION
OF IMAGE "+" IN
MING-STYLE TYPE
IN VERTICAL
DIRECTION



(a) IMAGE "+" IN MING-STYLE TYPE FROM WHICH PORTION WITH RUN WIDTH 1 IN VERTICAL DIRECTION IS DELETED

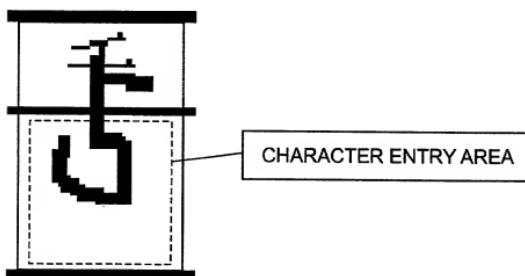
FIG. 17



(a) ORIGINAL IMAGE

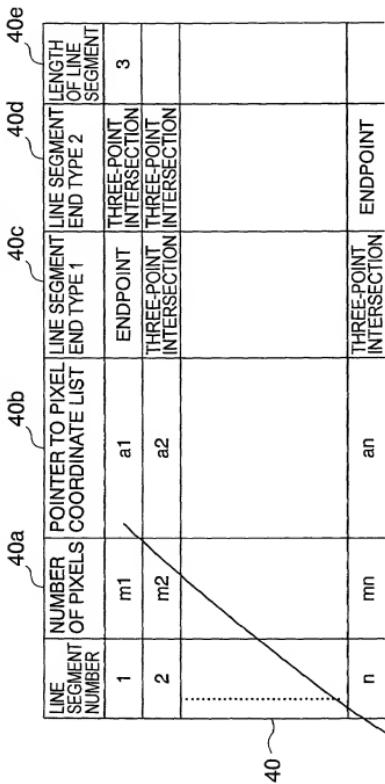
(b) IMAGE AFTER ITS PORTION
WITH FINE LINE WIDTH IS
REMOVED

FIG. 18



CHARACTER ENTRY AREA

FIG. 19



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COORDINATE NUMBER	COORDINATES
1	(x_1, y_1)
2	(x_2, y_2)
...	...
m_1	(x_{m_1}, y_{m_1})

FIG. 20

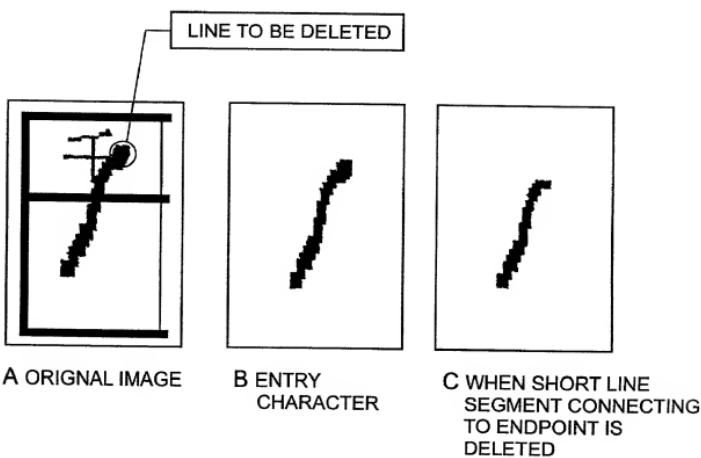


FIG. 21

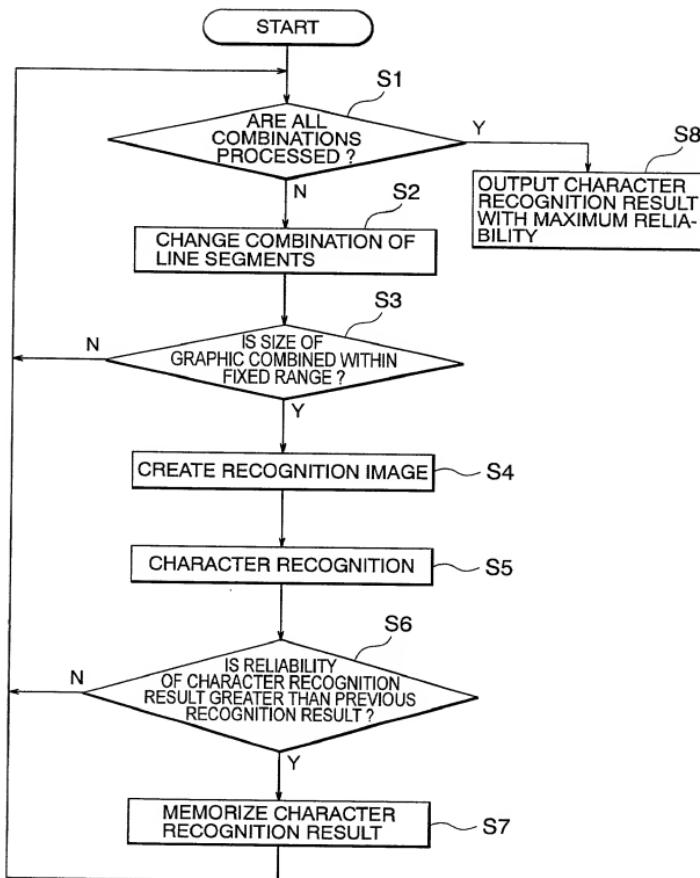


FIG. 22

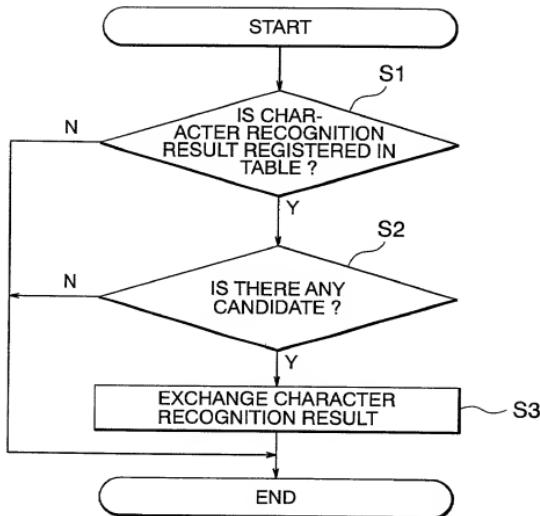


FIG. 23

EXCHANGED OBJECT CHARACTER	EXCHANGING OBJECT CHARACTER
0	6 , 8
1	4 , 7 , 9
6	0
8	0

FIG. 24

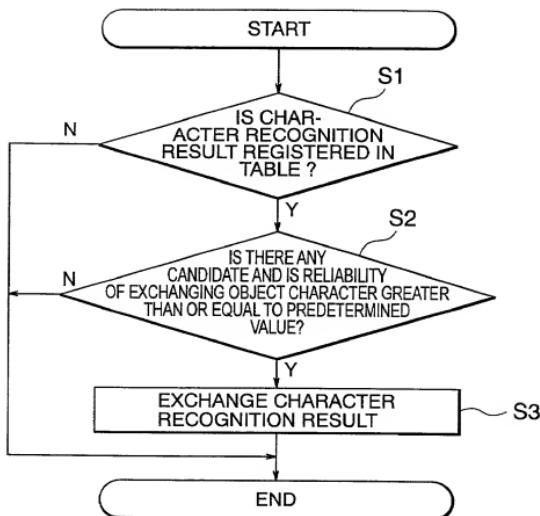


FIG. 25

EXCHANGED OBJECT CHARACTER	EXCHANGING OBJECT CHARACTER	RELIABILITY WHEN EXCHANGING
0	6	200
	8	220
1	4	230
	7	200
	9	240
6	0	220
8	0	250

FIG. 26

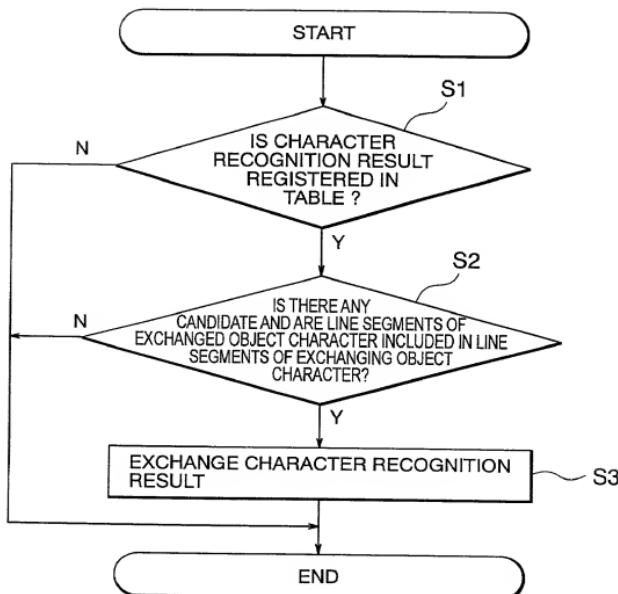


FIG. 27

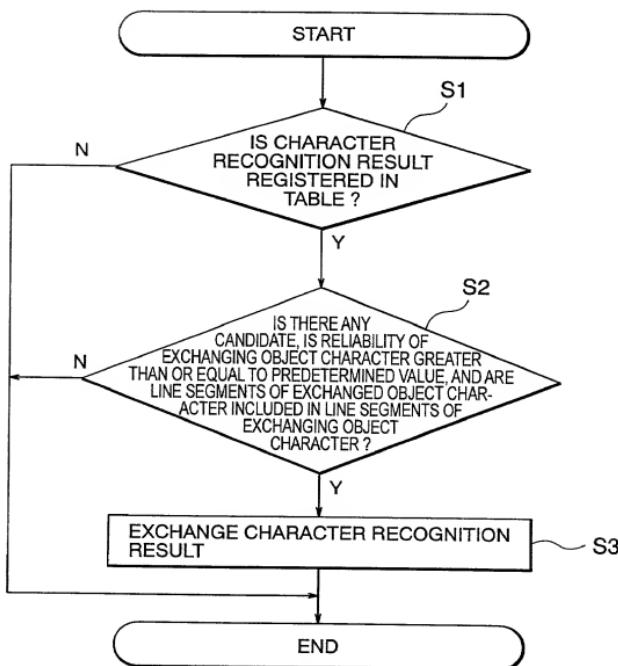


FIG. 28

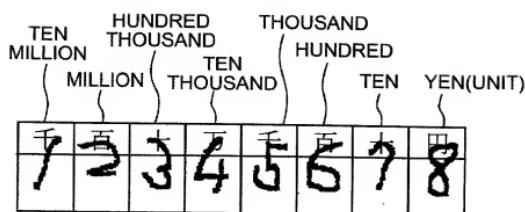


FIG. 29
INSTANCE OF FALSE RECOGNITION

